TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective Date: March 1, 2013 (Revised April 1, 2013)
DR-602 Reevaluation Date: **March 2017**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

6'-8" and 8'-0" Glazed Fiberglass Doors, Inswing & Outswing, Singles & Doubles with and without Sidelites, Non-Impact Resistant, manufactured by

Therma-Tru Corporation
118 Industrial Drive
Edgerton, OH 43517
Telephone: (419) 298-1740

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 6-'8" Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Smooth Star/Fiber Classic Inswing +35/-40 psf Outswing +35/-35 psf Classic Craft Inswing +50/-55 psf Outswing +50/-50 psf	TX-4262
2	3'-0" x 6'-8" Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing/Outswing; (OX/XO)	Smooth Star/Fiber Classic Inswing +35/-40 psf Outswing +35/-35 psf Classic Craft Inswing +50/-55 psf Outswing +50/-50 psf	TX-4262
3	3'-0" x 6'-8" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion, Inswing/Outswing; (OXO)	Smooth Star/Fiber Classic Inswing +35/-40 psf Outswing +35/-35 psf Classic Craft Inswing +50/-55 psf Outswing +50/-50 psf	TX-4262

General Description (continued):

System	Description	Label Rating	Drawing Number
4	6'-0" x 6'-8" Glazed Fiberglass Double Door, Inswing/Outswing; (XX)	Smooth Star/Fiber Classic Inswing +35/-40 psf Outswing +35/-35 psf Classic Craft Inswing +35/-40 psf Outswing +35/-35 psf	TX-4263
5	6'-0" x 6'-8" Glazed Fiberglass Double Door w/ Sidelites, Inswing/Outswing; (OXXO)	Smooth Star/Fiber Classic Inswing +35/-40 psf Outswing +35/-35 psf Classic Craft Inswing +35/-40 psf Outswing +35/-35 psf	TX-4263
6	3'-0" x 8'-0" Glazed Fiberglass Single Door, Inswing/Outswing; (X)	Smooth Star/Fiber Classic Inswing +30/-35 psf Outswing +30/-30 psf Classic Craft Kwikset Standard Strike Inswing +40/-50 psf Outswing +40/-40 psf Kwikset Security Strike Inswing +47/-50 psf Outswing +47/-47 psf	TX-4264
7	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion, Inswing/Outswing; (OX/XO)	Smooth Star/Fiber Classic Inswing +30/-35 psf Outswing +30/-30 psf Classic Craft Kwikset Standard Strike Inswing +40/-50 psf Outswing +40/-40 psf Kwikset Security Strike Inswing +47/-50 psf Outswing +47/-47 psf	TX-4264
8	3'-0" x 8'-0" Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion, Inswing/Outswing; (OXO)	Smooth Star/Fiber Classic Inswing +30/-35 psf Outswing +30/-30 psf Classic Craft Kwikset Standard Strike Inswing +40/-50 psf Outswing +40/-40 psf Kwikset Security Strike Inswing +47/-50 psf Outswing +47/-47 psf	TX-4264

General Description (continued):

System	Description	Label Rating	Drawing Number
9	6'-0" x 8'-0" Glazed Fiberglass Double Door, Inswing/Outswing; (XX)	Smooth Star/Fiber Classic Inswing +30/-35 psf Outswing +30/-30 psf Classic Craft Inswing +30/-35 psf Outswing +30/-30 psf	TX-4265
10	6'-0" x 8'-0" Glazed Fiberglass Double Door w/ Sidelites, Inswing/Outswing; (OXXO)	Smooth Star/Fiber Classic Inswing +30/-35 psf Outswing +30/-30 psf Classic Craft Inswing +30/-35 psf Outswing +30/-30 psf	TX-4265

Component Dimensions:

System	Overall Size	Panel Size	Overall Sidelite Panel Size	Maximum Daylight Opening Size
1	Inswing: 37 $\frac{3}{4}$ " x 82 $\frac{1}{8}$ " Outswing: 37 $\frac{3}{4}$ " x 81 $\frac{3}{16}$ "	36" x 79 $\frac{1}{4}$ "	NA	Refer to approved drawings for daylight opening dimensions.
2	Inswing: 54 $\frac{3}{4}$ " x 82 $\frac{1}{8}$ " Outswing: 54 $\frac{3}{4}$ " x 81 $\frac{3}{16}$ "	36" x 79 $\frac{1}{4}$ "	14" x 79 $\frac{1}{4}$ "	
3	Inswing: 71 $\frac{3}{4}$ " x 82 $\frac{1}{8}$ " Outswing: 71 $\frac{3}{4}$ " x 81 $\frac{3}{16}$ "	36" x 79 $\frac{1}{4}$ "	14" x 79 $\frac{1}{4}$ "	
4	Inswing: 74 $\frac{5}{8}$ " x 82 $\frac{1}{8}$ " Outswing: 74 $\frac{5}{8}$ " x 81 $\frac{3}{16}$ "	36" x 79 $\frac{1}{4}$ "	NA	
5	Inswing: 105 $\frac{5}{8}$ " x 82 $\frac{1}{8}$ " Outswing: 105 $\frac{5}{8}$ " x 81 $\frac{3}{16}$ "	36" x 79 $\frac{1}{4}$ "	14" x 79 $\frac{1}{4}$ "	
6	Inswing: 37 $\frac{3}{4}$ " x 98 $\frac{1}{8}$ " Outswing: 37 $\frac{3}{4}$ " x 97 $\frac{3}{16}$ "	36" x 95 $\frac{1}{4}$ "	NA	
7	Inswing: 54 $\frac{3}{4}$ " x 98 $\frac{1}{8}$ " Outswing: 54 $\frac{3}{4}$ " x 97 $\frac{3}{16}$ "	36" x 95 $\frac{1}{4}$ "	14" x 95 $\frac{1}{4}$ "	
8	Inswing: 71 $\frac{3}{4}$ " x 98 $\frac{1}{8}$ " Outswing: 71 $\frac{3}{4}$ " x 97 $\frac{3}{16}$ "	36" x 95 $\frac{1}{4}$ "	14" x 95 $\frac{1}{4}$ "	
9	Inswing: 74 $\frac{5}{8}$ " x 98 $\frac{1}{8}$ " Outswing: 74 $\frac{5}{8}$ " x 97 $\frac{3}{16}$ "	36" x 95 $\frac{1}{4}$ "	14" x 95 $\frac{1}{4}$ "	
10	Inswing: 105 $\frac{5}{8}$ " x 98 $\frac{1}{8}$ " Outswing: 105 $\frac{5}{8}$ " x 97 $\frac{3}{16}$ "	36" x 95 $\frac{1}{4}$ "	14" x 95 $\frac{1}{4}$ "	

Hardware and Component Dimensions:

System	Component	Quantity	Attachment Method
1-5	4" Butt Hinges	3	Hardware shall be installed in accordance with Therma-Tru drawings TX-4262 & TX-4263, dated October 8, 2012, signed & sealed by Lyndon F. Schmidt, P.E. on November 14, 2012.
	Lock and deadbolt strike plate	1 per lockset & deadbolt	
	Kwikset Signature Series or Schlage "F" Series lockset	1	
	Kwikset Signature Series (980) or Schlage "B" Series deadbolt	1	
6-8	4" Butt Hinges	4	Hardware shall be installed in accordance with Therma-Tru drawings TX-4264, dated October 8, 2012, signed & sealed by Lyndon F. Schmidt, P.E. on November 14, 2012.
	Lock and deadbolt strike plate	1 per lockset & deadbolt	
	Kwikset Signature Series	1	
	Kwikset Signature Series (980)	1	
9-10	4" Butt Hinges	4	Hardware shall be installed in accordance with Therma-Tru drawings TX-4265, dated October 8, 2012, signed & sealed by Lyndon F. Schmidt, P.E. on March 18, 2013.
	Lock and deadbolt strike plate	1 per lockset & deadbolt	
	Kwikset Signature Series or Schlage "F" Series lockset	1	
	Kwikset Signature Series (980) or Schlage "B" Series deadbolt	1	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
2	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
3	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
4	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Double Door (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02

Product Identification (Certification Agency Label on Door):

System		
5	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Double Door w/ Sidelites (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
6	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
7	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door w/ Sidelite & Combination Reinforced Mullion (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
8	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Single Door w/ Sidelites & Combination Reinforced Mullion (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
9	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Double Door (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02
10	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation, Edgerton, OH
	Product Name	Glazed Fiberglass Double Door w/ Sidelites, Inswing/Outswing (Smooth Star, Fiber Classic and Classic Craft)
	Test Standards	ASTM E330-02

Impact Resistance:

Component	Impact Resistant	Requirement
Doors and Sidelites	No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System	Type of Installation	Door Frame	
1-10	Wall Framing	Wood (G≥0.42) or Concrete (minimum 3,000 psi)	
	Fasteners	Wood: Minimum No. 10 x 2 $\frac{1}{2}$ " PFH wood screw	
		Concrete: $\frac{1}{4}$ " Elco or ITW concrete screw	
	Fastener Embedment	Wood: Minimum of 1.15 inches into wood framing (head/jamb) and 1 $\frac{1}{2}$ " (sill)	
		Concrete: Minimum of 1 $\frac{3}{4}$ inches into the concrete	
	Fastener Location/Spacing	Head	Hardware and components shall be installed in accordance with Therma-Tru Corporation drawings TX-4262, TX-4263, TX-4264 dated October 8, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on November 14, 2012 and TX-4265 dated October 8, 2012, signed and sealed by Lyndon F. Schmidt, P.E. on March 18, 2013.
		Sill	
		Side Jambs	
		Hinges	

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.